



Maplin Easy Universal
NiMH / NiCd Charger

Model N41CX / N42CX

Owner's Manual

Thank you for purchasing the Maplin Super Universal Charger for Nickel Metal Hydride (NiMH) and Nickel Cadmium (NiCd) rechargeable batteries. Please read this manual carefully. It contains important operating instructions. This universal type charger will charge all AAA, AA, C, D and 9V size NiMH or NiCd batteries.

Warning:

- 1 Batteries are supplied uncharged and should be charged prior to first use.
- 1 Charge **only** NiMH or NiCd type batteries in this charger.
- 1 Batteries may leak or explode causing personal injury if inserted improperly, disposed of in fire, mixed with other battery types, or short circuited.

OPERATION INSTRUCTIONS

USAGE: This charger is capable of charging 1 to 4 pcs of NiCd and NiMH batteries of size AAA, AA, C or D a a time and 1 or 2 pcs. Of 9V batteries.

Testing: For this function, the charger must not be connected to the mains. Put the switch to "T". Put the NiCd or NiMH battery with the correct polarity into the compartment with test position selected. When the light is on then the battery is not yet empty / discharged. Before you charge the battery, it is recommended that it be discharged completely to maximise battery life and performance. 9V batteries cannot be tested in this unit.

DISCHARGING: Also for this function, the charger must not be connected to the mains. Put 1 to 4 pcs. batteries of sizes AAA, AA, C or D into the battery compartments and put the switch in position "D". The control light will switch on as long as the batteries are not fully discharged. When all batteries are discharged, the control light will switch off. 9V batteries cannot be discharged with this unit.

CHARGING: Put 1 to 4 pcs of AAA, AA, C, D or 1 to 2 pcs of 9V NiCd or NiMH batteries into the battery compartments. Please take care to observe correct polarity + or -. Now you can put the switch to position "C" and connect the charger to the mains. The red LED's will switch on and indicate that the charging is in progress. After the charging process, disconnect the charger from the mains and take out the batteries.

CHARGING TIME:

NiCd Battery	NiMH Battery
1 1/2-2 hrs. for AAA (180-220mAh)	3-4 hrs. for AAA (300-400mAh)
2-3 hrs. for AAA (220-300mAh)	5-6 hrs. for AAA (500-550mAh)
7-10 hrs. for AA (500-900mAh)	12-16 hrs. for AA (1100-1500mAh)
14-16 hrs. for C/D (1200-1500mAh)	14-16 hrs. for C/D (1200-1500mAh)
16-18 hrs. for C/D (1500-1800mAh)	24-28 hrs. for C/D (2300-2600mAh)
12-14 hrs. for 9V (110-120mAh)	12-16 hrs. for 9V (110-150mAh)

Important Safety Instructions:

1. Before charging, read instructions.
2. This charger is intended for use with Nickel-Cadmium (NiCd) and Nickel-Metal-Hydride (NiMH) rechargeable batteries only. Attempting to charge other types of batteries may cause personal injury and damage to the charger.
3. Recharge only one type of battery (NiCd or NiMH) at each time.
4. Do not expose charger to rain or moisture. For indoor use only.
5. Remove from mains when not in use.
6. Never use an extension cord or any attachment not recommended by manufacturer, otherwise this may result in a risk of fire, electric shock or injury to persons.
7. Do not operate the charger if it has been subjected to shock or damage. Take it to a qualified engineer for repair.
8. Do not disassemble the charger. Incorrect reassembly may result in a risk of electric shock or fire.
9. Unplug the charger from outlet before attempting any maintenance of cleaning.
10. This power unit is intended to be correctly orientated in a vertical or floor mount position.